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|-------|-------|---|--|------------------|---------|------------------|
| L1 | 368 | (382/104).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2005/05/25 15:01 |
| L2 | 105 | ((pixel with sens\$4 with (integrat\$ synth\$7)) with control\$4) and (car vehicle) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:02 |
| L3 | 11288 | check\$3 near\$4 sensor | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:02 |
| L4 | 816 | L3 same (image pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:02 |
| L5 | 116 | L4 same object | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:02 |
| S1 | 1 | ("6278393").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:50 |
| S2 | 0 | S1 and sensor | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:49 |
| S3 | 0 | S1 and sens\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:50 |
| S4 | 1 | ("6728393").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:50 |
| S5 | 1 | S4 and sens\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 14:36 |
| S6 | 287 | (382/104).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2005/05/25 15:01 |
| S7 | 22 | S6 and (sens\$4 same output\$4 same pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 15:09 |
| S8 | 1 | ("5751832").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 15:09 |
| S9 | 1 | S8 and (sens\$4 same pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 15:18 |

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| S10 | 1 | ("6728393").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 15:18 |
| S11 | 1 | S10 and integrat\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 15:20 |
| S12 | 1 | S10 and sensors | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 15:21 |
| S13 | 1 | S10 and (sensors same pixel same integrat\$4) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:00 |
| S14 | 2 | S8 S10 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:00 |
| S15 | 2 | S14 and position | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:04 |
| S16 | 1 | S14 and (sens\$4 near4 position) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:06 |
| S17 | 136868 | (sens\$4 near4 position) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:06 |
| S18 | 60 | S6 and S17 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:06 |
| S19 | 39 | S18 and integrat\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:07 |
| S20 | 5078 | S17 same integrat\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:07 |
| S21 | 5 | S20 and S6 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:13 |
| S22 | 1 | S10 and (position with pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:20 |
| S23 | 1 | S10 and (accuracy sennsitiv\$4) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:21 |
| S24 | 1 | S10 and (accuracy sensitiv\$4) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:26 |
| S25 | 1 | S10 and (moving) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:30 |

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| S26 | 1 | S10 and (reliab\$4) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:31 |
| S27 | 6918 | (reliab\$4) near5 stor\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:32 |
| S28 | 51 | S18 and stor\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:32 |
| S29 | 1 | S4 and stor\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:44 |
| S30 | 1 | S4 and ahead | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:49 |
| S31 | 1 | S4 and wider | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:45 |
| S32 | 3084 | reliab\$4 near2 sensor | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:50 |
| S33 | 4 | S32 and S6 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:50 |
| S34 | 10 | S32 same pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:52 |
| S35 | 6494 | sensor\$3 same (relaib\$4 accura\$4) same degree | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:53 |
| S36 | 120 | S35 same pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:53 |
| S37 | 11 | S36 same integrat\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:56 |
| S38 | 9884 | check\$3 near4 sensor | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:56 |
| S39 | 677 | S38 same (image pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 16:57 |
| S40 | 96 | S39 same object | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:02 |
| S41 | 8 | segment\$4 same imag\$4 same background same foreground same (motion adj1 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 14:52 |

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| S42 | 8 | segment\$4 same imag\$4 same background same foreground same (motion adj1 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 14:58 |
| S43 | 173 | inverse adj1 vector | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:12 |
| S44 | 30 | (inverse adj1 vector) same motion | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 14:58 |
| S45 | 2 | inverse adj1 vector adj1 color | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:12 |
| S46 | 531186 | (inverse adj1 vector) nera5 color | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:12 |
| S47 | 4 | (inverse adj1 vector) near5 color | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:14 |
| S48 | 378 | chang\$ near2 (motion adj1 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:14 |
| S49 | 214 | chang\$ near1 (motion adj1 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:15 |
| S50 | 213 | chang\$3 near1 (motion adj1 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 15:15 |
| S51 | 12 | (chang\$3 near1 (motion adj1 vector)) and (background same foreground) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:15 |
| S52 | 2 | "6563874" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:16 |
| S53 | 2 | "6563874" and motion | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:38 |
| S54 | 1 | "09/838868" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:31 |
| S55 | 1 | "09/838868" and track\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:31 |
| S56 | 1 | "6563874" and (foreground) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:39 |
| S57 | 1 | "6563874" and (foreground near7 vector) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:40 |

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| S58 | 6 | foreground same background same motion same vector same mode | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:40 |
| S59 | 32 | foreground same background same motion same vector same model | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/23 16:40 |
| S60 | 3765 | pixel same sens\$4 same (integrat\$\$ synth\$7) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:58 |
| S61 | 1632 | pixel with sens\$4 with (integrat\$\$ synth\$7) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:32 |
| S62 | 229 | (pixel with sens\$4 with (integrat\$\$ synth\$7)) and (car vehicle) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:32 |
| S63 | 289 | (pixel with sens\$4 with (integrat\$\$ synth\$7)) with control\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:32 |
| S64 | 69 | ((pixel with sens\$4 with (integrat\$\$ synth\$7)) with control\$4) and (car vehicle) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2005/05/25 15:01 |
| S65 | 490581 | sensors | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:57 |
| S66 | 59461 | sensors same (integrat\$\$ synth\$7) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:58 |
| S67 | 3216 | (sensors same (integrat\$\$ synth\$7)) same pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 15:59 |
| S68 | 3 | ((sensors same (integrat\$\$ synth\$7)) same pixel) same (position adj2 object) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 16:00 |
| S69 | 393 | (382/107).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/24 17:00 |
| S70 | 0 | ((382/107).CCLS.) and (sesors same (integration or synth\$4)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:01 |
| S71 | 10 | ((382/107).CCLS.) and (sensors same (integration or synth\$4)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:02 |
| S72 | 22 | ((382/104).CCLS.) and (sensors same (integration or synth\$4)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:04 |
| S73 | 395 | pixel near7 (sensors same (integration or synth\$4)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:04 |

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| S74 | 7 | ((382/104).CCLS.) and (pixel near7 (sensors same (integration or synth\$4))) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:04 |
| S75 | 287 | (382/104).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/24 17:09 |
| S76 | 16 | ((382/104).CCLS.) and (sensors same integration) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:13 |
| S77 | 270 | sensor same (accuracuy reliab\$4) same pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:13 |
| S78 | 8 | (sensor same (accuracuy reliab\$4) same pixel) and ((382/104).CCLS.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/24 17:14 |
| S79 | 0 | "09/692101" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 11:33 |
| S80 | 0 | "09692101" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 11:33 |
| S81 | 0 | "09/692101" | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:12 |
| S82 | 1 | ("6665010").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:12 |
| S83 | 1 | ((("6665010").PN.) and sensors | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:13 |
| S84 | 3819 | pixel same sensors same (integrat\$4 synchro\$7) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:14 |
| S85 | 768 | (pixel same sensors same (integrat\$4 synchro\$7)) same (value parameter) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:14 |
| S86 | 19 | ((pixel same sensors same (integrat\$4 synchro\$7)) same (value parameter)) same assign\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:21 |
| S87 | 87 | sens\$4 with assign\$4 with (value parameter) with pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:22 |
| S88 | 6 | (sens\$4 with assign\$4 with (value parameter) with pixel) same integrat\$4 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:23 |

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| S89 | 393 | (382/107).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:44 |
| S90 | 19 | ((382/107).CCLS.) and (sensors near7 (integrat\$4 synth\$7)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:44 |
| S91 | 734 | (sensors near7 (integrat\$4 synth\$7)) near4 pixel | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:34 |
| S92 | 3 | ((sensors near7 (integrat\$4 synth\$7)) near4 pixel) and ((382/107).CCLS.) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:32 |
| S93 | 92 | ((sensors near7 (integrat\$4 synth\$7)) near4 pixel) and (car vehicle) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:34 |
| S94 | 45 | ((sensors near7 (integrat\$4 synth\$7)) near4 pixel) same distance | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:34 |
| S95 | 9 | ((sensors near7 (integrat\$4 synth\$7)) near4 pixel) same distance) and (car vehicle) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:40 |
| S96 | 1 | ("6728393").PN. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:40 |
| S97 | 1 | ((("6728393").PN.) and (sensor same pixel) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:41 |
| S98 | 287 | (382/104).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | OFF | 2004/06/25 12:44 |
| S99 | 21 | ((382/104).CCLS.) and (sensors near7 (integrat\$4 synth\$7)) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2004/06/25 12:44 |

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